

Message

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**From:** Washington, John [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=FDC3E8CE9F1D45C4894881FF420CA104-WASHINGTON, JOHN]  
**Sent:** 3/22/2018 6:46:26 PM  
**To:** McCord, James [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=McCord, James]; Strynar, Mark [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=5a9910d5b38e471497bd875fd329a20a-Strynar, Mark]; Newton, Seth [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=ea2ecc1d228a4c4682730a829e1d0718-Newton, Set]; Lindstrom, Andrew [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=04bf7cf26aa44ce29763fbc1c1b2338e-Lindstrom, Andrew]  
**Subject:** RE: Internal deliberative a similar feature to the one earlier today?  
**Attachments:** image2018-03-22-143335.pdf

Great stuff James and Mark.

# Ex. 5 Deliberative Process (DP)

This is starting to look very interesting!  
john

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**From:** McCord, James

**Sent:** Thursday, March 22, 2018 12:18 PM

**To:** Washington, John <Washington.John@epa.gov>; Strynar, Mark <Strynar.Mark@epa.gov>; Newton, Seth <Newton.Seth@epa.gov>; Lindstrom, Andrew <Lindstrom.Andrew@epa.gov>

**Subject:** RE: Internal deliberative a similar feature to the one earlier today?

Update for everyone.

## Ex. 5 Deliberative Process (DP)

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**From:** Washington, John

**Sent:** Thursday, March 15, 2018 4:06 PM

**To:** McCord, James <[mccord.james@epa.gov](mailto:mccord.james@epa.gov)>; Strynar, Mark <[Strynar.Mark@epa.gov](mailto:Strynar.Mark@epa.gov)>; Newton, Seth <[Newton.Seth@epa.gov](mailto:Newton.Seth@epa.gov)>; Lindstrom, Andrew <[Lindstrom.Andrew@epa.gov](mailto:Lindstrom.Andrew@epa.gov)>

**Subject:** RE: Internal deliberative a similar feature to the one earlier today?

Guys,

## Ex. 5 Deliberative Process (DP)

You guys all have a great weekend--

John

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**From:** McCord, James

**Sent:** Thursday, March 15, 2018 2:35 PM

To: Washington, John <Washington.John@epa.gov>; Strynar, Mark <Strynar.Mark@epa.gov>

Subject: RE: Internal deliberative spectra and present thoughts for discussion

## Ex. 5 Deliberative Process (DP)

James McCord

From: Washington, John

Sent: Thursday, March 15, 2018 1:52 PM

To: Strynar, Mark <Strynar.Mark@epa.gov>

Cc: McCord, James <mccord.james@epa.gov>

Subject: RE: Internal deliberative spectra and present thoughts for discussion

Hi Mark and James,

## Ex. 5 Deliberative Process (DP)

Thanks,

John

From: Strynar, Mark

Sent: Thursday, March 15, 2018 12:48 PM

To: Washington, John <Washington.John@epa.gov>

Subject: RE: Internal deliberative spectra and present thoughts for discussion

John,

## Ex. 5 Deliberative Process (DP)

Mark

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**From:** Washington, John  
**Sent:** Thursday, March 15, 2018 12:23 PM  
**To:** McCord, James <[mccord.james@epa.gov](mailto:mccord.james@epa.gov)>; Strynar, Mark <[Strynar.Mark@epa.gov](mailto:Strynar.Mark@epa.gov)>; Newton, Seth <[Newton.Seth@epa.gov](mailto:Newton.Seth@epa.gov)>; Lindstrom, Andrew <[Lindstrom.Andrew@epa.gov](mailto:Lindstrom.Andrew@epa.gov)>  
**Cc:** Buckley, Timothy <[Buckley.Timothy@epa.gov](mailto:Buckley.Timothy@epa.gov)>; Medina-Vera, Myriam <[Medina-Vera.Myriam@epa.gov](mailto:Medina-Vera.Myriam@epa.gov)>; Schumacher, Brian <[Schumacher.Brian@epa.gov](mailto:Schumacher.Brian@epa.gov)>; Jones, Jack <[jones.jack@epa.gov](mailto:jones.jack@epa.gov)>; Jenkins, Tom <[Jenkins.Tom@epa.gov](mailto:Jenkins.Tom@epa.gov)>  
**Subject:** RE: Internal deliberative spectra and present thoughts for discussion

James,

## Ex. 5 Deliberative Process (DP)

John

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**From:** McCord, James  
**Sent:** Thursday, March 15, 2018 11:35 AM  
**To:** Washington, John <[Washington.John@epa.gov](mailto:Washington.John@epa.gov)>; Strynar, Mark <[Strynar.Mark@epa.gov](mailto:Strynar.Mark@epa.gov)>; Newton, Seth <[Newton.Seth@epa.gov](mailto:Newton.Seth@epa.gov)>; Lindstrom, Andrew <[Lindstrom.Andrew@epa.gov](mailto:Lindstrom.Andrew@epa.gov)>  
**Cc:** Buckley, Timothy <[Buckley.Timothy@epa.gov](mailto:Buckley.Timothy@epa.gov)>; Medina-Vera, Myriam <[Medina-Vera.Myriam@epa.gov](mailto:Medina-Vera.Myriam@epa.gov)>; Schumacher, Brian <[Schumacher.Brian@epa.gov](mailto:Schumacher.Brian@epa.gov)>; Jones, Jack <[jones.jack@epa.gov](mailto:jones.jack@epa.gov)>; Jenkins, Tom <[Jenkins.Tom@epa.gov](mailto:Jenkins.Tom@epa.gov)>  
**Subject:** RE: Internal deliberative spectra and present thoughts for discussion

Hey John,

### Ex. 5 Deliberative Process (DP)

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James McCord

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**From:** Washington, John  
**Sent:** Thursday, March 15, 2018 11:31 AM  
**To:** Strynar, Mark <[Strynar.Mark@epa.gov](mailto:Strynar.Mark@epa.gov)>; McCord, James <[mccord.james@epa.gov](mailto:mccord.james@epa.gov)>; Newton, Seth <[Newton.Seth@epa.gov](mailto:Newton.Seth@epa.gov)>; Lindstrom, Andrew <[Lindstrom.Andrew@epa.gov](mailto:Lindstrom.Andrew@epa.gov)>  
**Cc:** Buckley, Timothy <[Buckley.Timothy@epa.gov](mailto:Buckley.Timothy@epa.gov)>; Medina-Vera, Myriam <[Medina-Vera.Myriam@epa.gov](mailto:Medina-Vera.Myriam@epa.gov)>; Schumacher, Brian <[Schumacher.Brian@epa.gov](mailto:Schumacher.Brian@epa.gov)>; Jones, Jack <[jones.jack@epa.gov](mailto:jones.jack@epa.gov)>; Jenkins, Tom <[Jenkins.Tom@epa.gov](mailto:Jenkins.Tom@epa.gov)>  
**Subject:** RE: Internal deliberative spectra and present thoughts for discussion

OK guys,

Attached is my current thinking as well as several spectra. These are just images so let me know if you want me to zoom in on any part of them.

Strong points:

### Ex. 5 Deliberative Process (DP)

## Ex. 5 Deliberative Process (DP)

Needing reflection:

- 1)
- 2)
- 3)

## Ex. 5 Deliberative Process (DP)

## Ex. 5 Deliberative Process (DP)

I am not working tomorrow but around today and next week.

John

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**From:** Washington, John

**Sent:** Thursday, March 15, 2018 6:50 AM

**To:** Strynar, Mark <[strynar.mark@epa.gov](mailto:strynar.mark@epa.gov)>; McCord, James <[mccord.james@epa.gov](mailto:mccord.james@epa.gov)>; Newton, Seth <[Newton.Seth@epa.gov](mailto:Newton.Seth@epa.gov)>; Lindstrom, Andrew <[Lindstrom.Andrew@epa.gov](mailto:Lindstrom.Andrew@epa.gov)>

**Cc:** Buckley, Timothy <[Buckley.Timothy@epa.gov](mailto:Buckley.Timothy@epa.gov)>; Medina-Vera, Myriam <[Medina-Vera.Myriam@epa.gov](mailto:Medina-Vera.Myriam@epa.gov)>; Schumacher, Brian <[Schumacher.Brian@epa.gov](mailto:Schumacher.Brian@epa.gov)>; Jones, Jack <[jones.jack@epa.gov](mailto:jones.jack@epa.gov)>

**Subject:** RE: Internal deliberative day-end update

Thanks Mark,

## Ex. 5 Deliberative Process (DP)

John

**From:** Strynar, Mark

**Sent:** Thursday, March 15, 2018 6:43 AM

**To:** Washington, John <[Washington.John@epa.gov](mailto:Washington.John@epa.gov)>; McCord, James <[mccord.james@epa.gov](mailto:mccord.james@epa.gov)>; Newton, Seth <[Newton.Seth@epa.gov](mailto:Newton.Seth@epa.gov)>; Lindstrom, Andrew <[Lindstrom.Andrew@epa.gov](mailto:Lindstrom.Andrew@epa.gov)>

**Cc:** Buckley, Timothy <[Buckley.Timothy@epa.gov](mailto:Buckley.Timothy@epa.gov)>; Medina-Vera, Myriam <[Medina-Vera.Myriam@epa.gov](mailto:Medina-Vera.Myriam@epa.gov)>; Schumacher, Brian <[Schumacher.Brian@epa.gov](mailto:Schumacher.Brian@epa.gov)>; Jones, Jack <[jones.jack@epa.gov](mailto:jones.jack@epa.gov)>

**Subject:** RE: Internal deliberative day-end update

John,

## Ex. 5 Deliberative Process (DP)

Mark

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**From:** Washington, John  
**Sent:** Wednesday, March 14, 2018 5:31 PM  
**To:** McCord, James <[mccord.james@epa.gov](mailto:mccord.james@epa.gov)>; Newton, Seth <[Newton.Seth@epa.gov](mailto:Newton.Seth@epa.gov)>; Strynar, Mark <[Strynar.Mark@epa.gov](mailto:Strynar.Mark@epa.gov)>; Lindstrom, Andrew <[Lindstrom.Andrew@epa.gov](mailto:Lindstrom.Andrew@epa.gov)>  
**Cc:** Buckley, Timothy <[Buckley.Timothy@epa.gov](mailto:Buckley.Timothy@epa.gov)>; Medina-Vera, Myriam <[Medina-Vera.Myriam@epa.gov](mailto:Medina-Vera.Myriam@epa.gov)>; Schumacher, Brian <[Schumacher.Brian@epa.gov](mailto:Schumacher.Brian@epa.gov)>; Jones, Jack <[jones.jack@epa.gov](mailto:jones.jack@epa.gov)>  
**Subject:** RE: Internal deliberative day-end update

Guys,

Still importing the files from MassLynx operating system to Unifi data-processing system.

## Ex. 5 Deliberative Process (DP)

See what you think and I will send the spectra tomorrow when I get them.

John

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**From:** Washington, John  
**Sent:** Wednesday, March 14, 2018 9:37 AM  
**To:** McCord, James <[mccord.james@epa.gov](mailto:mccord.james@epa.gov)>; Newton, Seth <[Newton.Seth@epa.gov](mailto:Newton.Seth@epa.gov)>; Strynar, Mark <[strynar.mark@epa.gov](mailto:strynar.mark@epa.gov)>; Lindstrom, Andrew <[Lindstrom.Andrew@epa.gov](mailto:Lindstrom.Andrew@epa.gov)>  
**Cc:** Buckley, Timothy <[Buckley.Timothy@epa.gov](mailto:Buckley.Timothy@epa.gov)>; Medina-Vera, Myriam <[Medina-Vera.Myriam@epa.gov](mailto:Medina-Vera.Myriam@epa.gov)>; Schumacher, Brian <[Schumacher.Brian@epa.gov](mailto:Schumacher.Brian@epa.gov)>; Jones, Jack <[jones.jack@epa.gov](mailto:jones.jack@epa.gov)>  
**Subject:** RE: Internal deliberative an interesting molecular feature that appears anomalously high near Solvay

Guys,

## Ex. 5 Deliberative Process (DP)

Hope to get you more by tomorrow or (slimmer chance) today.

John

**From:** McCord, James  
**Sent:** Wednesday, March 14, 2018 9:15 AM  
**To:** Newton, Seth <[Newton.Seth@epa.gov](mailto:Newton.Seth@epa.gov)>; Strynar, Mark <[Strynar.Mark@epa.gov](mailto:Strynar.Mark@epa.gov)>; Washington, John <[Washington.John@epa.gov](mailto:Washington.John@epa.gov)>; Lindstrom, Andrew <[Lindstrom.Andrew@epa.gov](mailto:Lindstrom.Andrew@epa.gov)>  
**Cc:** Buckley, Timothy <[Buckley.Timothy@epa.gov](mailto:Buckley.Timothy@epa.gov)>; Medina-Vera, Myriam <[Medina-Vera.Myriam@epa.gov](mailto:Medina-Vera.Myriam@epa.gov)>; Schumacher, Brian <[Schumacher.Brian@epa.gov](mailto:Schumacher.Brian@epa.gov)>; Jones, Jack <[jones.jack@epa.gov](mailto:jones.jack@epa.gov)>  
**Subject:** RE: Internal deliberative an interesting molecular feature that appears anomalously high near Solvay

I have not followed up on it presently, **Ex. 5 Deliberative Process (DP)**

## **Ex. 5 Deliberative Process (DP)**

James McCord

**From:** Newton, Seth  
**Sent:** Wednesday, March 14, 2018 9:14 AM  
**To:** Strynar, Mark <[Strynar.Mark@epa.gov](mailto:Strynar.Mark@epa.gov)>; Washington, John <[Washington.John@epa.gov](mailto:Washington.John@epa.gov)>; Lindstrom, Andrew <[Lindstrom.Andrew@epa.gov](mailto:Lindstrom.Andrew@epa.gov)>; McCord, James <[mccord.james@epa.gov](mailto:mccord.james@epa.gov)>  
**Cc:** Buckley, Timothy <[Buckley.Timothy@epa.gov](mailto:Buckley.Timothy@epa.gov)>; Medina-Vera, Myriam <[Medina-Vera.Myriam@epa.gov](mailto:Medina-Vera.Myriam@epa.gov)>; Schumacher, Brian <[Schumacher.Brian@epa.gov](mailto:Schumacher.Brian@epa.gov)>; Jones, Jack <[jones.jack@epa.gov](mailto:jones.jack@epa.gov)>  
**Subject:** RE: Internal deliberative an interesting molecular feature that appears anomalously high near Solvay

All,

## **Ex. 5 Deliberative Process (DP)**

Seth

**From:** Strynar, Mark  
**Sent:** Wednesday, March 14, 2018 8:44 AM  
**To:** Washington, John <[Washington.John@epa.gov](mailto:Washington.John@epa.gov)>; Lindstrom, Andrew <[Lindstrom.Andrew@epa.gov](mailto:Lindstrom.Andrew@epa.gov)>; Newton, Seth <[Newton.Seth@epa.gov](mailto:Newton.Seth@epa.gov)>; McCord, James <[mccord.james@epa.gov](mailto:mccord.james@epa.gov)>  
**Cc:** Buckley, Timothy <[Buckley.Timothy@epa.gov](mailto:Buckley.Timothy@epa.gov)>; Medina-Vera, Myriam <[Medina-Vera.Myriam@epa.gov](mailto:Medina-Vera.Myriam@epa.gov)>; Schumacher, Brian <[Schumacher.Brian@epa.gov](mailto:Schumacher.Brian@epa.gov)>; Jones, Jack <[jones.jack@epa.gov](mailto:jones.jack@epa.gov)>  
**Subject:** RE: Internal deliberative an interesting molecular feature that appears anomalously high near Solvay

John,

I think you have something here!

## **Ex. 5 Deliberative Process (DP)**

# Ex. 5 Deliberative Process (DP)

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**From:** Washington, John

**Sent:** Tuesday, March 13, 2018 3:15 PM

**To:** Lindstrom, Andrew <[Lindstrom.Andrew@epa.gov](mailto:Lindstrom.Andrew@epa.gov)>; Strynar, Mark <[Strynar.Mark@epa.gov](mailto:Strynar.Mark@epa.gov)>; Newton, Seth <[Newton.Seth@epa.gov](mailto:Newton.Seth@epa.gov)>; McCord, James <[mccord.james@epa.gov](mailto:mccord.james@epa.gov)>

**Cc:** Buckley, Timothy <[Buckley.Timothy@epa.gov](mailto:Buckley.Timothy@epa.gov)>; Medina-Vera, Myriam <[Medina-Vera.Myriam@epa.gov](mailto:Medina-Vera.Myriam@epa.gov)>; Schumacher, Brian <[Schumacher.Brian@epa.gov](mailto:Schumacher.Brian@epa.gov)>; Jones, Jack <[jones.jack@epa.gov](mailto:jones.jack@epa.gov)>

**Subject:** Internal deliberative an interesting molecular feature that appears anomalously high near Solvay

Guys,

# Ex. 5 Deliberative Process (DP)



I. E

## **Ex. 5 Deliberative Process (DP)**

# **Ex. 5 Deliberative Process (DP)**

# Ex. 5 Deliberative Process (DP)

John

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**From:** Washington, John

**Sent:** Thursday, March 08, 2018 9:54 AM

**To:** Lindstrom, Andrew <[Lindstrom.Andrew@epa.gov](mailto:Lindstrom.Andrew@epa.gov)>; Strynar, Mark <[strynar.mark@epa.gov](mailto:strynar.mark@epa.gov)>; Newton, Seth <[Newton.Seth@epa.gov](mailto:Newton.Seth@epa.gov)>; McCord, James <[mccord.james@epa.gov](mailto:mccord.james@epa.gov)>

**Cc:** Buckley, Timothy <[Buckley.Timothy@epa.gov](mailto:Buckley.Timothy@epa.gov)>; Medina-Vera, Myriam <[Medina-Vera.Myriam@epa.gov](mailto:Medina-Vera.Myriam@epa.gov)>

**Subject:** Internal deliberative draft data

Guys,

# Ex. 5 Deliberative Process (DP)

John